

Amendments to the specification

Please revise paragraph [0016] to read as follows:

--[0016] FIG. 1 is a side section view of a sensor of the present invention taken from the assembly of FIG. 2, wherein the sensor is enveloped by an optional Faraday cage;--

Please revise paragraph [0017] to read as follows:

-- [0017] FIG. 2 is a perspective view of the sensor of FIG. 2 with the Faraday cage removed for clarity and depicting an illustrative housing configuration;--

Please revise paragraph [0055] to read as follows:

--[0055] In any of the embodiments discussed herein, it is also possible that one or more additional structures are added to the assembly in order to help improve performance or functionality of the resulting device. For example, in one embodiment, the assembly includes a well or other suitable passage that is in direct fluid communication with the resonator and into which a calibration fluid can be introduced for the purpose of calibrating the sensor. It is also contemplated that the assembly may include a structure that substantially envelops the resonator for assisting to preserve electrical characteristics. For example, a wire mesh 25 or other like cover may be provided about the resonator as a Faraday cage, as illustrated schematically in Fig. 1. Other alternative structures may also be employed, such as the metallization of a region that at least partially surrounds the resonator. This can be employed in any of the above embodiments, including for

example the embodiments of FIGS. 1-3 that employ a housing structure, or the embodiments of FIGS. 6a-6e and 8a-8d that might employ a shield device (which shield device, of course, may also be adapted for employment with a housing such as in FIGS. 1-3).--

Please revise paragraph [0066] to read as follows:

-- [0066] The hardware for the present measuring system may be any suitable hardware. It may include, for example, art-disclosed network analyzers, see, e.g., U.S. Pat. No. 6,336,353 (Matsiev, et al.) ("Method And Apparatus For Characterizing Materials By Using A Mechanical Resonator"); and U.S. Pat. No. 6,182,499 (McFarland, et al.) and ~~published U.S. Patent Application No. 20030000291~~ U.S. Patent No. 7,302,830, hereby incorporated by reference. The hardware might also be part of an application specific integrated circuit (ASIC), such as is disclosed for example in commonly owned, ~~co-pending application entitled "Integrated Measurement Assembly For A Machine Fluid Sensing System"~~ (U.S. patent application Ser. No. ~~10/452,264~~) U.S. Patent No. 7,043,969, hereby incorporated by reference, as disclosed in commonly owned, ~~co-pending application entitled "Application Specific Integrated Circuitry For Controlling Analysis Of A Fluid"~~ (attorney docket no. SYMXP001.P, claiming benefit of U.S. ~~provisional application No. 60/419,404~~) U.S. Patent No. 6,873,916, hereby incorporated by reference, as disclosed in co-owned, ~~co-pending application entitled "Resonator Sensor Assembly"~~ (attorney docket nos. ~~1012-188~~ published as U.S. Pat. App. No. 20040250622 (now abandoned) and 1012-188WO1, claiming benefit of U.S. ~~provisional 60/456,517~~), as disclosed in co-owned, ~~co-pending application entitled~~

"Environmental Control System Fluid Sensing System And Method" (International patent application no. US03/32983) or as disclosed in co-owned, ~~co-pending application~~ ~~entitled "Mechanical Resonators" (attorney docket nos. 1012-189 and 1012-189WO, claiming benefit of U.S. provisional application no. 60/452,292)~~ U.S. Patent No. 7,210,332. All of the foregoing are hereby incorporated by reference.--